

Product Name

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EMPEYOL SSR 200/6XF

Product Description

EMPEYOL SSR 200/6XF is an eco-friendly blowing agent pre-blended polyether polyol to be used in combination with EMPEYONATE IRD 200 for the production of polyurethane rigid foam for pipe insulation

Properties of Polyol

Characteristics	Unit	Specification
Appearance	-	Yellow to brown liquid
Density @25°C	cps	200 - 300
Viscosity @25°C	g/cc	1.140 ± 0.05

Recommended Process Conditions in Bench Mixer at 21°C

Process Parameters	Units	Value
Mixing ratio (Polyol : PolymericMDI)	-	100: 120
Polyol Temperature	°C	20-25
MDI Temperature	°C	20-25
Cream time	sec	20+02
Gel time	sec	110+05
Free rise density	kg/m3	23.0-24.0

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m3	38-40
Compressive strength	ASTM D1621-05A	Kpa	100 (min)
Thermal Conductivity	ASTM C518-98	W/m.K	0.023 maximum
Closed cell content	ASTM D6226	%	> 92%

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Packaging Size

210 / 25 Kg nett

Shelf life

6 Months

**Storage and
Handling**

EMPEYOL SSR 200/6XF and POLYMERIC MDI should be stored in tightly closed containers at temperature between 20°C and 30°C and should not be exposed to direct sunlight.

**Health and
Safety Advice**

EMPEYOL SSR 200/6XF polyol should present no unusual health problems when used in manufacturing operations where satisfactory standards of personal and industrial hygiene are maintained. Precautions should be taken to avoid exposure to the eye or prolonged contact with the skin.

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